Technical description

Progressive distributors SX-1 are built in a variable disk construction. Therefore the distributor can be, depending on the number of lubrication points, extended or shortened. Because of the disk construction, there is the possibility to form individual middle elements (metering elements) with different metering volumes to one complete progressive distributor.

The different metering volume per stroke is effected by different piston diameters.

A progressive distributor needs at least three pistons, i.e. at least three middle elements (metering elements).

Technical data

Operating pressure inlet:	max. 300 bar
Temperature range:	-30 °C to 80 °C
Metering medium:	oil - fluid grease - grease up to NLGI-cl. 2
No. of revolutions:	max. 180 r/min
Material:	steel, galvanized

No. of middle elements (metering elements):

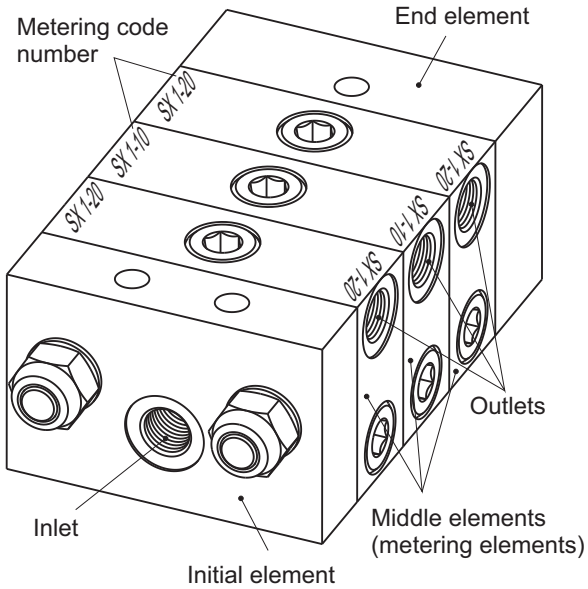
min. 3 middle elements: SX-1 3/6

max. 10 middle elements: SX-1 10/20

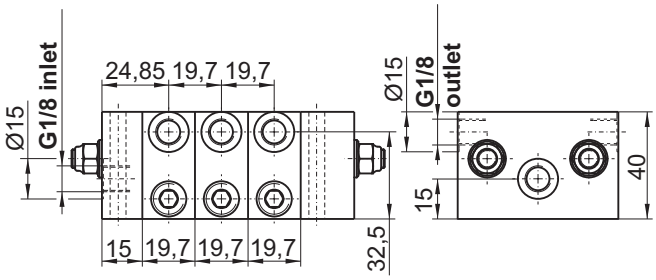
Table metering volume:

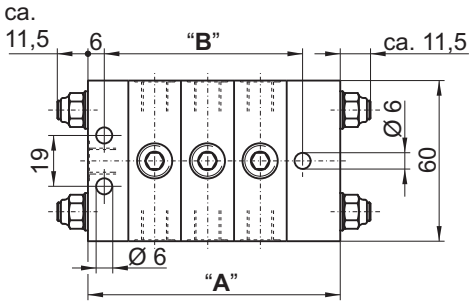
Designation middle element	Metering volume (mm³/stroke)		Code no.
	p. outlet	p. element	
SX-1 05	68	136	05
SX-1 10	105	210	10
SX-1 15	150	300	15
SX-1 20	210	420	20
SX-1 25	275	550	25
SX-1 35	350	700	35
SX-1 45	430	860	45

Progressive distributor SX-1 with three middle elements and six outlets:



Dimensional drawing:





No. of middle elements	No. of outlets (max.)	Dim. "A" (mm)	Dim. "B" (mm)
3	6	94,1	74,1
4	8	113,8	93,8
5	10	133,5	113,5
6	12	153,2	133,2
7	14	172,9	152,9
8	16	192,6	172,6
9	18	212,3	192,3
10	20	232,0	212,0

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Subject to alterations!

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